

## ABSTRACT OF THE DISCLOSURE

The frame-memory control-section partitions a frame memory into a plurality of sectors and stores decoded video data of frames not used as predictive video in the frame memory. The frame-memory  
5 control-section writes a top-field data and a bottom-field data of the decoded video data into separate free sectors of the frame memory. In reading and displaying the decoded video data from the frame memory, the frame-memory control-section simultaneously releases the sector that stores the top-field data and the sector that stores the bottom-field  
10 data during the last display field period of the display video.